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- 1 [Index nesting – an efficient approach to indexing in object-oriented databases](#)
[Beng Chin Ooi, Jiawei Han, Hongjun Lu, Kian Lee Tan](#)
 August 1996 **The VLDB Journal – The International Journal on Very Large Data Bases**
Publisher: Springer-Verlag New York, Inc.
 Full text available: [Pdf](#) (455.77 KB) [Additional Information: full citation, abstract, references, etc.](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 28, Downloads (Overall): 26

In object-oriented database systems where the concept of the superclass-subclass is a subclass is also an instance of its superclass. Consequently, the access scope of a class general includes the access scope ...

Keywords: Indexing structures, OODB, Query retrieval

- 2 [Concurrent meld](#)
[G. E. Kaiser](#)
 April 1989 [Proceedings of the 1988 ACM SIGPLAN workshop on Object-based concurrency](#)
Publisher: ACM
 Full text available: [Pdf](#) (293.04 KB) [Additional Information: full citation, abstract, references, etc.](#)
Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 11, Downloads (Overall): 59

Our original goal was to design a programming language for writing software engineers. The most important requirements were reusability and the ability to integrate separately. The access scope was later expanded to general ...

Also published in:

April 1989 **SIGPLAN Notices** Volume 24 Issue 4

- 3 [Objects modelling](#)
[Sylvia Osborn](#)
 September 1986 **OODS '86: Proceedings on the 1986 international workshop on Object-oriented database systems**
Publisher: IEEE Computer Society Press
 Full text available: [Pdf](#) (104.49 KB) [Additional Information: full citation, abstract, references, etc.](#)
Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 30, Downloads (Overall): 12

The points raised here are based on experience with RAD [Os86], an experimental reusability language which allows the definition of arbitrary abstract data types and arbitrary operations, for which the comments below fall into two categories: ...


- 4 [View updates in relational databases with an independent scheme](#)
[Rom Langerak](#)
 March 1990 **Transactions on Database Systems (TODS)**, Volume 15 Issue 1

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Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 33, Downloads (Overall): 35

A view on a database is a mapping that provides a user or application with a suitable data. Updates specified on a view have to be translated into updates on the underlying view update translation problem ...

5 [Solution of parallel language equations for logic synthesis](#)

Nina Yevtushenko, Tiziano Villa, Robert K. Brayton, Alex Petrenko, Alberto L. Sangiovanni
November 2001 **ICCAD '01**: Proceedings of the 2001 IEEE/ACM international conference on computer-aided design

Publisher: IEEE Press


Full text available:  Pdf (166.23 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 15, Downloads (Overall): 10


The problem of designing a component that combined with a known part of a system overall specification arises in several applications ranging from logic synthesis to the controllers. We cast the problem as solving ...

6 [The cell probe complexity of dynamic data structures](#)

 M. Fredman, M. Saks

February 1989 **STOC '89**: Proceedings of the twenty-first annual ACM symposium on The

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (1.23 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 100, Downloads (Overall): 100


Dynamic data structure problems involve the representation of data in memory in such certain types of modifications of the data (updates) and certain types of questions about the data. This paradigm encompasses many fundamental ...

7 [Expressing business rules](#)

 Ronald G. Ross

June 2000 **SIGMOD '00**: Proceedings of the 2000 ACM SIGMOD international conference on Management of data

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (24.26 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)


Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 98, Downloads (Overall): 60

Point-and-Click Expression Builders, for instance limits and type consistency. Structural complex restrictions and logical inferences. Entity Life History or State Transition Diagrams and ...

Also published in:

June 2000 **SIGMOD Record** Volume 29 Issue 2

8 [A framework for efficient reuse of binary code in Java](#)

 Pramod G. Joisha, Samuel P. Midkiff, Mauricio J. Serrano, Manish Gupta

June 2001 **ICS '01**: Proceedings of the 15th international conference on Supercomputing

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (419.49 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 43, Downloads (Overall): 36

This paper presents a compilation framework that enables efficient sharing of execution


Java Virtual Machine (JVM) instances. High-performance JVMs rely on run-time compilation cannot handle many dynamic ...

9 Distributed form management

 Heikki Hämmäinen, Eero Eioranta, Jari Alasuvanto

January 1990 **Transactions on Information Systems (TOIS)** , Volume 8 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (2.24 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cite this article](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 26, Downloads (Overall): 37

An open architecture for distributed form management is described. The model employs describing organizational units as well as individual users as entities with uniform external entity is represented by an autonomous ...

10 Object-oriented data models and management of CAD databases

Mohammad A. Ketabchi

September 1986 **OODS '86: Proceedings on the 1986 international workshop on Object-oriented systems**

Publisher: IEEE Computer Society Press


Full text available:  Pdf (205.13 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cite this article](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 39, Downloads (Overall): 24

Effective management of object-oriented databases requires database management systems. Oriented Data Models (OODM) which are integrations of concepts from Functional Data Semantic Data Models (SDM), and the actor model of ...

11 Flexible control of downloaded executable content

 Trent Jaeger, Atul Prakash, Jochen Liedtke, Nayeem Islam

May 1999 **Transactions on Information and System Security (TISSEC)** , Volume 2

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (297.79 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [cite this article](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 87, Downloads (Overall): 7

We present a security architecture that enables system and application access control enforced on applications composed from downloaded executable content. Downloaded consists of messages downloaded from remote ...


Keywords: access control models, authentication, authorization mechanisms, collaboration access control

12 Verdantium towards a Java-enabled compound document model (poster session)

 Thornton Green

January 2000 **OOPSLA '00: Addendum to the 2000 proceedings of the conference on Object programming, systems, languages, and applications (Addendum)**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (22.80 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 14, Downloads (Overall): 17

Java Beans provides a robust mechanism for combining software components. However Beans components are currently not being combined to create documents in an environment processor or illustration program. This is ...

13 A database model for object dynamics

M. P. Papazoglou, B. J. Krämer

May 1997 **The VLDB Journal — The International Journal on Very Large Data B**

Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (313.64 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [cite](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 60, Downloads (Overall): 34

To effectively model complex applications in which constantly changing situations can a database system must be able to support the runtime specification of structural and logical objects on an individual or group basis. ...

Keywords: Dynamic class hierarchy, Dynamic object re-classification, Object migration, Object-oriented database systems

14 [Dealing with disparate audiences in computer science courses using a project group class](#)

 [R. Waldo Roth](#), [Arthur White](#)

February 1987 **SIGCSE '87**: Proceedings of the eighteenth SIGCSE technical symposium on computer science education

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (473.03 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)


Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 5, Downloads (Overall): 73,

A frequent problem in advanced computer science courses is having students enrolled with backgrounds range from upper division students with significant work experience to students who have completed only a few computer science courses. ...

Also published in:

February 1987 **SIGCSE Bulletin** Volume 19 Issue 1

15 [The challenges of teaching computer programming](#)

 [Derek Sleeman](#)

September 1986 **Communications of the ACM**, Volume 29 Issue 9

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (170.35 KB)

Additional Information: [full citation](#), [abstract](#), [cited by](#), [index](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 122, Downloads (Overall): 122


Programming has been described by many authors as the new Latin of the school system and a whetstone for developing minds. As such, it was assumed that students would develop problem-solving skills through learning programming. ...

16 [An auxiliary user location strategy employing forwarding pointers to reduce network traffic](#)

[Ravi Jain](#), [Yi-Bing Lin](#)

June 1995 **Wireless Networks**, Volume 1 Issue 2

Publisher: Kluwer Academic Publishers


Full text available:  Pdf (1.40 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cite](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 30, Downloads (Overall): 29

We propose an auxiliary strategy, called per-user forwarding, for locating users who are mobile while using Personal Communications Services (PCS). The forwarding strategy augments the strategy proposed in existing standards ...

17 [Refactoring tool challenges in a strongly typed language \(poster session\)](#)

 [Christopher Seguin](#)

January 2000 **OOPSLA '00**: Addendum to the 2000 proceedings of the conference on Object-oriented programming, systems, languages, and applications (Addendum)

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (24.08 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 18, Downloads (Overall): 20

This poster examines the challenges of developing a refactoring tool for a weakly typed Smalltalk as opposed to a strongly typed language such as Java. To explore this, we field refactoring in each language. ...

18 [Thoughts on database research: A user perspective](#)

 [Kurt Ingenthron](#)

December 1987 **SIGMOD '87**: Proceedings of the 1987 ACM SIGMOD international conference on data management systems

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (103.60 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 30, Downloads (Overall): 15

The future of computer aided design is in object oriented programming. If the database systems participate in this future, it must reexamine some basic assumptions about the architecture of database systems. Database system functionality can ...

Also published in:

December 1987 **SIGMOD Record** Volume 16 Issue 3

19 [Information-dependent games: can common sense be common knowledge?](#)

[Itzhak Gilboa](#), [David Schmeidler](#)

March 1988 **TARK '88**: Proceedings of the 2nd conference on Theoretical aspects of rational decision making

Publisher: Morgan Kaufmann Publishers Inc.


Full text available:  [Pdf](#) (140.15 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 11, Downloads (Overall): 8

This paper attempts to study the consistency of several basic game-theoretic axioms these: common knowledge (CK) and common sense (CS). Common sense is the assumption that the game itself and all other ...

20 [Implementation implications of Ada generics](#)

 [Gary Bray](#)

September 1983 **SIGAda Ada Letters**, Volume III Issue 2

Publisher: ACM

Full text available:  [Pdf](#) (488.61 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)





Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 15, Downloads (Overall): 9

Generic program units as defined in Ada pose several important design issues for compiler analysis and in runtime implementation. Chief among these issues are separate compilation and the sharing of code among several ...

Result

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